FORM PTO - 1449

INFORMATION DISCLOSURE STATEMENT

ATTORNEY DOCKET NO.: LEX-007

APPLICANT(S): Gillies et al.

SERIAL NO.: 09/621,268

FILING DATE: July 21, 2000

GROUP: 1646

U.S. PATENT DOCUMENTS

EXAM. INIT.	,	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
KAL	A59	5,856,298	1/5/99	Strickland			
	A60	6,617,135	9/9/03	Gillies et al.			
1	A61	2002/0081664 A1	6/27/02	Lo et al.			10/11/01
	A62	2002/0147311 A1	10/10/02	Gillies et al.			2/9/01
	A63	2002/0193570 A1	12/19/02	Gillies et al.	-		12/4/01
	A64	2003/0044423 A1	3/6/03	Gillies et al.			3/7/02
	A65	2003/0049227 A1	3/13/03	Gillies et al.			6/29/01
	A66	2003/0105294 A1	6/5/03	Gillies et al.			2/24/99
	A67	2003/0157054 A1	8/21/03	Gillies et al.			5/3/02
	A68	2003/0166163 A1	9/4/03	Gillies			12/4/02
	A69	2003/0166877 A1	9/4/03	Gillies et al.			3/29/02
	A70	6,485,726 B1	11/26/02	Blumberg et al.			
	A71	6,475,717 B1	11/5/02	Enssle et al.			
	A72	6,335,176 B1	1/1/02	Inglese et al.			,
	A73	2002/0192222 A1	12/19/02	Blumberg et al.			12/19/02
	A74	2001/0053539 A1	12/20/01	Lauffer et al.			12/20/01

FOREIGN PATENT DOCUMENTS

EXAM. INIT.		DOCUMENT NUMBER	DATE	COUNTRY CODE	CLASS	SUB CLASS	FILING DATE	ABSTRAC T ONLY	ENGLISH LANG (Y/N)
KAU	B94	WO 01/58957 A2	8/16/01	PCT					Y
1	B95	WO 02/02143 A2	1/10/02	PCT					Y
1.	B96	WO 02/072605 A2	9/19/02	PCT					Y
	B97	WO 02/079232 A2	10/10/02	PCT					Y
	B98	WO 02/079415 A2	10/10/02	PCT					Y
	B99	WO 02/090566 A2	11/14/02	PCT					Y
3	B100	WO 03/048334 A2	6/12/03	PCT					Y
V·	B101	WO 03/077834 A2	9/25/03	PCT					Y

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	AB419A	NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	FILING DATE	ABSTRAC T ONLY	ENGLISI LANG (Y/N)		
KAC	B102	WO 02/066514 A2	8/29/02	PCT					Y		
1	B103	WO 01/36489 A2	0 01/36489 A2 5/25/01 PCT								
1	B104	1 088 888 A1	4/4/01	ЕР					Y		
V		O	THER AR	T, JOURNA	L ARTIC	CLES, ET	C.				
EXAM. NIT.	ОТНЕ	ER DOCUMENTS: ((Including A	Author, Title, I	Date, Relev	vant Pages,	Place of Pu	blication)			
LA(C169	Boissel et al., (1993 Chemistry, 268:159		oietin Structur	e-Function	Relationshi	ps," <u>The Jo</u> u	arnal of Biolog	<u>ical</u>		
	C170	1 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1									
	C171		Angal et al. (1993), "A Single Amino Acid Substitution Abolishes the Heterogeneity of Chimeric Mouse/Human (IgG4) Antibody," Molecular Immunology, 30:105-108.								
	C172	Bitonti et al. (2002) the Central Airways					1-Fc Fusion	Protein After I	Delivery to		
	C173	Darling et al. (2002 Electrostatic Interac		•	-	-	tor Binding	Kinetics: Role	of		
	C174	Fibi et al. (1995), "BHK-21 Cells," Blo			uteins of R	ecombinant	Human Eryt	thropoletin Sec	reted Fron		
	C175	Hammerling et al. (an erythroid cell lin and Biomedical An	e and analys	sis of carbohyd			-				
	C176	Kitamura et al. (198 Dependently on GN	•				-				
	C177.	Locatelli et al. (200	1), "Darbep	oetin alfa Amg	en," <u>Currer</u>	at Opinion is	n Investigati	onal Drugs, 2:	1097-1104		
	C178	C178 Spiekermann et al. (2002), "Receptor-mediated Immunoglobulin G Transport Across Mucosal Barriers in Adult Life: Functional Expression of FcRn in the Mammalian Lung," J. Exp. Med., 196:303-310.									
7	C179 Syed et al. (1998), "Efficiency of signalling through cytokine receptors depends critically on receptor orientation," Nature, 395:511-516.										

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FOURTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

ATTORNEY DOCKET NO.: LEX-007

APPLICANT(S): Gillies et al.

SERIAL NO.: 09/621,268

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				FILING DATE: Ju	uly 21, 200	00 GR	OUP: 1642			
		7	U.S. PATEN	T DOCUMENTS						
EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE			
KAR	A92	5,601,819	2/11/97	Wong et al.						
	A93	5,891,680	4/6/99	Lieschke et al.						
	A94	5,994,104	11/30/99	Anderson et al.						
	A95	6,444,792	9/3/02	Gray et al.						
	A96	6,500,641	12/31/02	Chen et al.	·					
	A97	6,551,592	4/22/03	Lindhofer et al.						
	A98	6,646,113	11/11/03	Dreyfuss et al.						
	A99	2002/0037558	3/28/02	Lo et al.						
	A100	2002/0146388	10/10/02	Gillies						
	A101	2003/0139365	7/24/03	Lo et al.	<u> </u>					
	A102	2003/0139575	7/24/03	Gillies						
	A103	2004/0013640	1/22/04	Zardi et al.						
	A104	2004/0033210	2/19/04	Gillies						
	A105	2004/0043457	3/4/04	Schumacher et al.			<u> </u>			
	A106	2004/0053366	3/18/04	Lo et al.						
	A107	2004/0072299	4/15/04	Gillies et al.						
V	A108	2004/0082039	4/29/04	Gillies et al.			·			
EXAM. INIT.	ОТНЕ	ER DOCUMENTS: (I	ncluding Author, Ti	tle, Date, Relevant Pag	ges, Place o	f Publicati	on)			
KAL	C236	Chapman et al., (1994) a Mouse-Human Chim	, "Mapping Effector eric Antibody," <u>Canc</u>	Functions of a Monocle er Immuno, Immunothe	onal Antiboo er., 39:198-	dy to GD3 1 204.	by Characterization of			
Į.	C237	Cruse et al., (eds.), (19	95), Illustrated Diction	onary of Immunology, p	.158, CRC	Press, NY.				
	C238	Dorai et al., (1991), "A <u>Hybridoma</u> , 10(2):211		ic Mouse/Human IgG1	Antibody F	Retains Son	ne Effector Function,"			
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	C240	Elliott et al., (1996), "Fine-Structure Epitope Mapping of Antierythropoietin Monoclonal Antibodies Reveals a Model of Recombinant Human Erythropoietin Structure," <u>Blood</u> , 87(7):2702-2713.								
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FORM PTO - 1449 ATTORNEY DOCKET NO.: LEX-007 FOURTH SUPPLEMENTAL INFORMATION APPLICANT(S): Gillies et al. DISCLOSURE STATEMENT SERIAL NO.: 09/621,268 **GROUP: 1642** FILING DATE: July 21, 2000 EXAM. OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication) INIT. Handgretinger et al., (1995), "A Phase I Study of Human/Mouse Chimeric Anti-ganglioside GD2 Antibody KAC ch14.18 in Patients with Neuroblastoma," European J. Cancer, 31A(2):261-267. Isenman et al., (1975), "The Structure and Function of Immunoglobulin Domains: II. The Importance of C243 Interchain Disulfide Bonds and the Possible Role of Molecular Flexibility in the Interaction between Immunoglobulin G and Complement," J. Immunology, 114(6):1726-1729. C244 Lo et al., (1992), "Expression and Secretion of an Assembled Tetrameric CH2-deleted Antibody in E. Coli.," Hum. Antibod. Hybridomas, 3:123-128. C245 Maecker et al., (1997), "DNA Vaccination with Cytokine Fusion Constructs Biases the Immune Response to Ovalbumin," Vaccine, 15(15):1687-1696. C246 Mueller et al., (1990), "Enhancement of Antibody-Dependent Cytotoxicity With A Chimeric Anti-GD2 Antibody," J. Immunology, 144(4):1382-1386 C247 Mueller et al., (1990), "Serum Half-Life and Tumor Localization of a Chimeric Antibody Deleted of the CH2 Domain and Directed Against the Disialoganglioside GD2," Proc. Natl. Acad. Sci. USA., 87:5702-5705. Naramura et al., (1993), "Therapeutic Potential of Chimeric and Murine Anti-(Epidermal Growth Factor Receptor) Antibodies in a Metastasis Model for Human Melanoma," Cancer Immuno, Immunother., 37:343-349. C249 Reisfeld et al., (1994), "Potential of Genetically Engineered Anti-Ganglioside GD2 Antibodies for Cancer Immunotherapy," Prog. Brain Res., 101:201-212 Saleh et al., (1992), "Phase I Trial of the Chimeric Anti-GD2 Monoclonal Antibody ch14.18 in Patients With C250 Malignant Melanoma," Hum. Antibod. Hybridomas, 3:19-24. Wen et al., (1994), "Erythropoietin Structure-Function Relationships: Identification of Functionally Important C251 Domains," J. Biological Chemistry, 269(36):22839-22846. C252 Ghetie et al., (1997), "FcRn: the MHC class I-related receptor that is more than an IgG transporter," Immunology Today, 18(12):592-598. C253 Junghans et al., (1996), "The protection receptor for IgG catabolism is the β₂-microglobulin-containing neonatal intestinal transport receptor," Proc. Natl. Acad. Sci. USA, 93:5512-5516. C254 Takai, (2002), "Roles of Fc Receptors in Autoimmunity," Nat. Rev. Immunol., 2(8)580-592. C255 Zhu et al., (2001), "MHC Class I-Related Neonatal Fc Receptor for IgG Is Functionally Expressed in

Monocytes, Intestinal Macrophages, and Dendritic Cells," J. Immunology, 166:3266-3276.

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INFORMATION DISCLOSURE STATEMENT

ATTORNEY DOCKET NO.: LEX-007

APPLICANT(S): Gillies et al.

SERIAL NO.: 09/621,268 CONF. NO.: 3473

U.S. PATENT DOCUMENTS

EXAME*** INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
KA.C.	A8	07/348,237	5/5/89	Rosenblum et al.			
1	A9 4,196,265 4/1/80		Koprowski et al.		11		
	A10	4,469,797	9/4/84	Albarella			
	A11	4,676,980	6/30/87	Segal et al.			
	A12	4,816,567	3/28/89	Cabilly et al.			
	A13	4,946,778	8/7/90	Ladner et al.			0
1	A14	5,019,368	5/28/91	Epstein et al.			
	A15	5,073,627	12/17/91	Curtis et al.		†	
+	A16	5,114,711	5/19/92	Bell et al.			
	A17	5,116,964	5/26/92	Capon et al.			
	A18	5,199,942	4/6/93	Gillis			
	A19	5,225,538	7/6/93	Capon et al.			
	A20	5,225,539	7/6/93	Winter			
	A21	5,258,498	11/2/93	Huston et al		10	
	A22	5,314,995	5/24/94	Fell, Jr. et al.			
	A23	5,359,035	10/25/94	Habermann			
	A24	5,514,582	5/7/96	Capon et al.			
1	A25	5,541,087	7/30/96	Lo et al.			
†	A26	5,543,297	8/6/96	Cromlish, et al.			
	A27	5,552,524	09/03/96	Basinski et al.			
	A28	5,585,089	12/17/96	Queen et al.			
	A29	5,609,846	3/11/97	Goldenberg			
1	A30	5,624,821	4/29/97	Winter et al.			
	A31	5,639,725	6/17/97	O'Reilly et al.			
	A32	5,645,835	7/8/97	Feli, Jr. et al.			
1/	A33	5,650,150	7/22/97	Gillies			

FORM 190 - 1--PANEORMATION DISCLOSURE STATEMENT

ORM E	1	449 N DISCLOSUI	RE STATEM	IENT	ATTORNEY DO APPLICANT(S):			_				
					SERIAL NO.: 09	/621,268	CONF. N	O.: 473				
					FILING DATE:	July 21, 200	0 GR	OUP: 1642				
			U.S	. PATENI	APPLICANT(S): Gillies et al. SEP 20 SERIAL NO.: 09/621,268 CONF. NO.: 273 FILING DATE: July 21, 2000 GROUP: 1642 FILING DOCUMENTS							
XAM. ITT.		DOCUMENT NUMBER	DATE	NAME		CLASS	SUB CLASS	FILING DATE IF APPROPRIATE				
KAI	A34	5,650,492	7/22/97	Gately et	al,							
1	A35	5,667,776	9/16/97	Zimmern	nan et al.							
1	A36	5,679,543	10/21/97	Lawlis								
	A37	5,691,309	11/25/97	Basinski	et al.							
	A38	5,719,266	02/17/98	DiMarchi	i et al.							
1	A39	5,723,125	3/3/98	Chang et	al.							
	A40	5,726,044	3/10/98	Lo et al.								
\neg	A41	5,733,876	3/31/98	O'Reilly	et al.							
	A42	5,756,461	05/26/98	Stephens								
	A43	5,770,195	6/23/98	Hudziak	ct al.							
	A44	5,807,715	9/15/98	Morrison	et al.			9.1				
	A45	5,837,682	11/17/98	Folkman	et al.							
	A46	5,843,423	12/1/98	Lyman et	al.							
	A47	5,854,205	12/29/98	O'Reilly	et al.							
	A48	5,858,347	1/12/99	Bauer et	al.							
	A49	5,885,795	3/23/99	O'Reilly	et al.							
	A50	5,886,178	3/23/99	Allen et a	1.							
	A51	5,888,772	3/30/99	Okasinsk	i et al.							
	A52	5,908,626	6/1/99	Chang ct	al.							
	A53	5,922,685	7/13/99	Rakhmile	vich et al.			4				
	A54	6,100,387	8/8/00	Herrmanı	n et al.							
	A55	6,169,070 B1	1/2/01	Chen et a	1.							
	A56	6,171,588 B1	1/9/01	Carron et	al.							
	A57	6,348,192 B1	2/19/02	Chan et a	1.							
	A58	6,444,792 B1	9/3/02	Gray et a	l.							

FORM FTO - 1449

FORMATION DISCLOSURE STATEMENT

ATTORNEY DOCKET NO.: LEX-007

APPLICANT(S): Gillies et al.

SERIAL NO.: 09/621,268 CONF. NO.: 347367 ED

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EXAM. INIT.		DOCUMENT NUMBER	DATE	COUNTR Y CODE	CLASS	SUB CLASS	FILING DATE	ABSTRACT ONLY	ENGLISH LANG (Y/N)
erc	B4	0 158 198 A1	10/16/85	EP					Y
1	B5	0 211 769 A2	2/25/87	EP					Y
	B6	0 256 714 A2	2/24/88	EP					Y
1	B7	0 294 703 A2	12/14/88	EP					Y
	B8	0 308 936 B1	3/29/89	EP					Y
7	В9	0 314 317 B1	5/3/89	EP					Y
	B10	0 318 554 B1	6/7/89	EP					Y
	B11	0 3 19 012 A2	6/7/89	EP					Y
	B12	0 326 120 B1	8/2/89	EP		-			Y
	B13	0 350 230 A2	1/10/90	EP					Y
	B14	0 375 562 B1	6/27/90	EP					Y
1	B15	0 396 387 A2	11/7/90	EP					Y
1	B16	0 439 095 A2	7/31/91	EP					Y
	B17	0 511 747 A1	11/4/92	EP					Y
	B18	0 601 043 B1	6/15/94	EP					Y
_	B19	0 640 619 A1	3/1/95	EP					Y
	B20	0 668 353 A1	8/23/95	EP					Y
	B21	0 706 799 A2	4/17/96	EP					Y
	B22	0 790 309 A1	8/20/97	EP					Y
1	B23	21725/88	3/23/89	AU					Y
	B24	93100115.3	7/14/93	CN					N
1	B25	93100115.3	7/14/93	CN				Y	Y
1	B26	37 12985 A1	11/3/88	DE					N
1	B27	37 12985	11/2/88	DE				Y	Y
1	B28	2 292 382 A	2/21/96	GB					Y
1	B29	63-267278	11/4/88	JP				v	N
17	B30	63-267278	11/4/88	JP		1		Y	Y

FORM PYO - 1449

FERFORMATION DISCLOSURE STATEMENT

ATTORNEY DOCKET NO.: LEX-007

APPLICANT(S): Gillies et al.

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EXAM. NIT.		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	FILING DATE	ABSTRACT ONLY	ENGLISI LANG (Y/N)
KAC	B31	63-267296	11/4/88	JP					N
T	B32	63-267296	11/4/88	JP				Y	Y
	B33	0 237 019 A2	9/16/87	EP				English counterpart of JP 63-267296	Y
	B34	WO 86/01533	3/13/86	PCT					Y
	B35	WO 88/00052	1/14/88	PCT					Y
	B36	WO 88/09344	12/1/88	PCT					Y
	B37	WO 89/02922	4/6/89	PCT					Y
	B38	WO 89/09620	10/19/89	PCT				Abstract in English	N
	B39	WO 90/03801	4/19/90	PCT					Y
	B40	WO 91/00360	1/10/91	PCT		_			Y
	B41	WO 91/04329	04/04/91	PCT					Y
	B42 ·	WO 91/08298	6/13/91	PCT					Y
	B43	WO 91/13166	9/5/91	PCT					Y
	B44	WO 91/14438	10/3/91	PCT					Y
	B45	WO 92/02240	2/20/92	PCT					Υ
	B 46	WO 92/08495	5/29/92	PCT					Y
	B47	WO 92/08801	5/29/92	PCT					Y
	B48	WO 92/16562	10/1/92	PCT					Y
	B49	WO 93/03157	2/18/93	PCT					Y
	B50	WO 93/10229	5/27/93	PCT					Y
	B51	WO 94/24160	10/27/94	PCT					Y
	B52	WO 94/25055	11/10/94	PCT					Y
	B53	WO 95/05468	2/23/95	PCT					Y
	B54	WO 95/21258	8/10/95	PCT					Y
	B55	WO 95/28427	10/26/95	PCT					Y
	B56	WO 96/04388	02/15/96	PCT					Y
$\sqrt{}$	B57	WO 96/05309	2/22/96	PCT					Y

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					ATTORNEY DOCKET NO.: LEX-007 APPLICANT(S): Gillies et al. SERIAL NO.: 09/621,268 CONF. NO. 12473 FILING DATE: July 21, 2000 GROUP: 1642						
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XAM. NIT.		DOCUMENT NUMBER	DATE	COUNTRY CODE	CLASS	SUB CLASS	FILING DATE	ABSTRACT ONLY	ENGLISH LANG (Y/N)		
KAC	B58	WO 96/18412	6/20/96	PCT					Y		
<u> </u>	B59	WO 96/31526	10/10/96	PCT			,		Y		
1	B60	WO 97/00317	1/3/97	PCT					Y		
	B61	WO 97/00319	1/3/97	PCT					Y		
+	B62	WO 97/15666	5/1/97	PCT					Y		
	B63	WO 97/20062	6/5/97	PCT					Y		
	B64	WO 97/24440	7/10/97	PCT					Y		
	B65	WO 97/26335	7/24/97	PCT					Y		
	B66	WO 97/30089	8/21/97	PCT					Y		
	В67	WO 97/33617	9/18/97	PCT					Y		
	B68	WO 97/33619	9/18/97	PCT					Y		
	B69	WO 97/34631	9/25/97	PCT					Y		
	B70	WO 97/43316	11/20/97	PCT					Υ		
	B71	WO 98/00127	1/8/98	PCT					Y		
	B72	WO 98/06752	2/19/98	РСТ					Y		
	B73	WO 98/28427	7/2/98	PCT					Y		
	B74	WO 98/46257	10/22/98	PCT					Y		
	B75	WO 98/59244	12/30/98	PCT					Y		
	B76	WO 99/02709	01/21/99	PCT					Y		
	B77	WO 99/03887	01/28/99	PCT					Y		
T	B78	WO 99/29732	6/17/99	PCT					Y		
	B79	WO 99/43713	9/2/99	PCT					Y		
	B80	WO 99/52562	10/21/99	PCT					Y		
	B81	WO 99/53958	10/28/99	РСТ					Y		
	B82	WO 99/60128	11/25/99	PCT					Y		
T	B83	WO 99/62944	12/09/99	РСТ					Y		

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AM. IT.		DOCUMENT NUMBER	DATE	COUNTR CODE	Y CLASS	SUB CLASS	FILING DATE	ABSTRACT ONLY	ENGLISH LANG (Y/N)
g C	B84	WO 99/66054	12/23/99	PCT					Y
T	B85	WO 00/11033	3/2/00	PCT					Y
	B86	WO 00/34317	06/15/00	PCT					Y
T	B87	WO 00/40615	7/13/00	PCT					Y
	B88	WO 00/68376	11/16/00	РСТ					Y
	B89	WO 00/69913	11/23/00	PCT					Υ
T	B90	WO 00/78334 A1	12/28/00	PCT					Y
Π	B91	WO 01/07081 A1	2/1/01	PCT					Y
	B92	WO 01/10912 A1	2/15/01	PCT					Y
/	B93	WO 03/015697 A2	2/27/03	PCT					Y
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